

DECLARATION FOR PATENT APPLICATION

Docket Number
JHT-0004

As a below named Inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint Inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **HYDROCRACKING PROCESS USING BULK GROUP VIII/GROUP VIB CATALYSTS**, the specification of which is attached hereto unless the following box is checked:

☒ was filed on January 14, 2000 as United States Application Number _____ or PCT International Application Number PCT/US00/01004 and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119 (a)-(d) or § 365(b) of any foreign application(s) for patent or Inventor's certificate, or § 365 (a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or Inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

(Number)	(Country)	(Day/Month/Year Filed)

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

(Application Number)	(Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose the information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)	(Filing Date)	(Status--patented, pending, abandoned)
<u>09/231,156</u>	<u>January 15, 1999</u>	<u>Patented</u>
<u>08/900,389</u>	<u>July 15, 1997</u>	<u>Patented</u>

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Names	Registration Numbers
James H. Takemoto	28,272
Gerard J. Hughes	41,855
Paul E. Purwin	29,203

ADDRESS ALL TELEPHONE CALLS TO: James H. Takemoto at telephone number (225) 977-4584
ADDRESS ALL CORRESPONDENCE TO: ExxonMobil Research & Engineering Company
(formerly Exxon Research & Engineering Company)
P.O. Box 900
Annandale, New Jersey 08801-0900

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor

GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
<u>Stuart</u>	<u>Leon</u>	<u>Soled</u>

Inventor's Signature [Signature]
Date June 25, 2001 Country of Citizenship United States of America
City of Residence Pittstown, New Jersey
Post Office Address 21 Cooks Cross Road
Pittstown, New Jersey 08867

☒ Additional Inventors are being named on separately numbered sheets attached hereto.

**ADDED PAGE TO DECLARATION FOR PATENT APPLICATION
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS****Full name of second joint inventor, if any**

Kenneth Lloyd Riley
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature *Kenneth Lloyd Riley*

Date June 29, 2001 Country of Citizenship United States of America

City of Residence Baton Rouge, Louisiana

Post Office Address 1289 Rodney Drive
Baton Rouge, Louisiana 70808

Full name of third joint inventor, if any

Gary P. Schleicher
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature *Gary P. Schleicher*

Date June 29, 2001 Country of Citizenship Canada

City of Residence Baton Rouge, Louisiana

Post Office Address 872 Pastureview Drive
Baton Rouge, Louisiana 70810

Full name of fourth joint inventor, if any

Richard A. Demmin
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature *Richard A. Demmin*

Date August 24, 2001 Country of Citizenship United States of America

City of Residence Highland Park, New Jersey

Post Office Address 424 Dennison Street
Highland Park, New Jersey 08904

Full name of fifth joint inventor, if any

William L. Schuette
GIVEN NAME MIDDLE INITIAL OR NAME FAMILY (OR LAST NAME)

Inventor's Signature Deceased - completed on added page

Date _____ Country of Citizenship United States of America

City of Residence New Roads, Louisiana

Post Office Address 9254 False River Road
New Roads, Louisiana 70760

Full name of sixth joint inventor, if any

Full name of seventh inventor, if any

Full name of eighth joint inventor, if any

Full name of ninth joint inventor, if any

GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)
Inventor's Signature _____		
Date _____	Country of Citizenship _____	
City of Residence _____		
Post Office Address _____		

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FOR SIGNATURE BY ADMINISTRATOR(TRIX), EXECUTOR(TRIX)
OR LEGAL REPRESENTATIVE ON BEHALF OF DECEASED OR
INCAPACITATED INVENTOR (37 C.F.R. §§ 1.42 AND 1.43)**

I, Darlene Schuette, hereby declare that I am a citizen of the United States of America, residing at 9254 False River Road, New Roads, Louisiana, 70760, and that I am executing and signing the declaration to which this is attached as

(check one):

- ☐ the administrator(trix) of
- ☒ executor(trix) of the last will and testament of
- ☐ legal representative (of heirs) of

William L. Schuette, deceased, who was a citizen of the United States of America, residing in New Roads, Louisiana, with a post office address of 9254 False River Road, New Roads, Louisiana, 70760.

That, upon information and belief, I aver those facts that the inventor is required to state.

Date: _____

Darlene Schuette

DECLARATION FOR PATENT APPLICATION

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My residence, post office address and citizenship are as stated below next to my name.

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Prior Foreign Application(s)

Priority Not Claimed

_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)
_____ (Number)	_____ (Country)	_____ (Day/Month/Year Filed)

☐☐

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_____ (Application Number)	_____ (Filing Date)
_____ (Application Number)	_____ (Filing Date)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose the information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

<u>09/231,156</u> (Application Number)	<u>January 15, 1999</u> (Filing Date)	<u>Patented</u> (Status—patented, pending, abandoned)
<u>08/900,389</u> (Application Number)	<u>July 15, 1997</u> (Filing Date)	<u>Patented</u> (Status—patented, pending, abandoned)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor

<u>Stuart</u> GIVEN NAME	<u>Leon</u> MIDDLE INITIAL OR NAME	<u>Soled</u> FAMILY (OR LAST NAME)
-----------------------------	---------------------------------------	---------------------------------------

Inventor's Signature

Date _____ Country of Citizenship United States of America
City of Residence Pittstown, New Jersey
Post Office Address 21 Cooks Cross Road
Pittstown, New Jersey 08867



Additional Inventors are being named on separately numbered sheets attached hereto.

**ADDED PAGE TO DECLARATION FOR PATENT APPLICATION
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS**

Full name of second joint inventor, if any

Kenneth
GIVEN NAMELloyd
MIDDLE INITIAL OR NAMERiley
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____ Country of Citizenship United States of AmericaCity of Residence Baton Rouge, LouisianaPost Office Address 1289 Rodney DriveBaton Rouge, Louisiana 70808

Full name of third joint Inventor, if any

Gary
GIVEN NAMEP.
MIDDLE INITIAL OR NAMESchleicher
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____ Country of Citizenship CanadaCity of Residence Baton Rouge, LouisianaPost Office Address 872 Pastureview DriveBaton Rouge, Louisiana 70810

Full name of fourth joint Inventor, if any

Richard
GIVEN NAMEA.
MIDDLE INITIAL OR NAMEDemmin
FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____ Country of Citizenship United States of AmericaCity of Residence Highland Park, New JerseyPost Office Address 424 Dennison StreetHighland Park, New Jersey 08904

Full name of fifth joint inventor, if any

William
GIVEN NAMEL.
MIDDLE INITIAL OR NAMESchuette
FAMILY (OR LAST NAME)Inventor's Signature Deceased - completed on added pageDate _____ Country of Citizenship United States of AmericaCity of Residence New Roads, LouisianaPost Office Address 9254 False River RoadNew Roads, Louisiana 70760

**ADDED PAGE TO DECLARATION FOR PATENT APPLICATION
FOR SIGNATURE BY SECOND AND SUBSEQUENT INVENTORS**

Full name of sixth joint inventor, if any

<u>Ian</u>	<u>Alfred</u>	<u>Cody</u>
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____ Country of Citizenship CanadaCity of Residence Baton Rouge, LouisianaPost Office Address 19516 Cape Hart Court
Baton Rouge, Louisiana 70810

Full name of seventh inventor, if any

_____	_____	_____
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____ Country of Citizenship _____

City of Residence _____

Post Office Address _____

Full name of eighth joint inventor, if any

_____	_____	_____
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____ Country of Citizenship _____

City of Residence _____

Post Office Address _____

Full name of ninth joint inventor, if any

_____	_____	_____
GIVEN NAME	MIDDLE INITIAL OR NAME	FAMILY (OR LAST NAME)

Inventor's Signature _____

Date _____ Country of Citizenship _____

City of Residence _____

Post Office Address _____

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FOR SIGNATURE BY ADMINISTRATOR(TRIX), EXECUTOR(TRIX)
OR LEGAL REPRESENTATIVE ON BEHALF OF DECEASED OR
INCAPACITATED INVENTOR (37 C.F.R. §§ 1.42 AND 1.43)**

I, Darlene Schuette, hereby declare that I am a citizen of the United States of America, residing at 9254 False River Road, New Roads, Louisiana, 70760, and that I am executing and signing the declaration to which this is attached as

(check one):

- ☐ the administrator(trix) of
- ☒ executor(trix) of the last will and testament of
- ☐ legal representative (of heirs) of

William L. Schuette, deceased, who was a citizen of the United States of America, residing in New Roads, Louisiana, with a post office address of 9254 False River Road, New Roads, Louisiana, 70760.

That, upon information and belief, I aver those facts that the inventor is required to state.

Date:

6-29-01


Darlene Schuette

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That, upon information and belief, I aver those facts that the inventor is required to state.

Date: _____

Darlene Schuette

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Stuart L. Soled, Kenneth L. Riley, Gary P. Schleicher, Richard A. Demmin, Ian A. Cody, and Darlene Schuette, as Executrix of the estate of William L. Schuette, deceased		2. Name and address of receiving party(ies): Name: ExxonMobil Research and Engineering Company Street Address: P. O. Box 900 City: Annandale State: New Jersey ZIP: 08801-0900							
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No							
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other Execution Date: June 25 and 29, July 27, and August 24, 2001									
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: <table border="1"><tr><td>A. Patent Application No.(s) 09/869,990 (US National Phase of PCT/US00/01004)</td><td>B. Patent No.(s)</td></tr></table> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				A. Patent Application No.(s) 09/869,990 (US National Phase of PCT/US00/01004)	B. Patent No.(s)				
A. Patent Application No.(s) 09/869,990 (US National Phase of PCT/US00/01004)	B. Patent No.(s)								
5. Name and address of party to whom correspondence concerning documents should be mailed: Name: James H. Takemoto Internal Address: ExxonMobil Research and Engineering Company Mailing Address: P. O. Box 900 City: Annandale State: New Jersey ZIP: 08801-0900		6. Total number of applications and patents involved: [1]							
		7. Total fee (37 CFR 1.41): \$40.00 <input checked="" type="checkbox"/> Authorized to be charged to deposit account							
		8. Deposit account number: 05-1330							
DO NOT USE THIS SPACE									
9. Statement and signature. <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true Copy of the original document.</i> <table border="0"><tr><td style="text-align: center;">James H. Takemoto</td><td style="text-align: center;">_____</td><td style="text-align: center;">October 5, 2001</td></tr><tr><td style="text-align: center;">Name of Person Signing</td><td style="text-align: center;">Signature</td><td style="text-align: center;">Date</td></tr></table> Total number of pages including cover sheet, attachments, and document: [3]				James H. Takemoto	_____	October 5, 2001	Name of Person Signing	Signature	Date
James H. Takemoto	_____	October 5, 2001							
Name of Person Signing	Signature	Date							
Mail documents to be recorded with required cover sheet information to: COMMISSIONER OF PATENTS AND TRADEMARKS BOX ASSIGNMENT WASHINGTON DC 20231									

ASSIGNMENT
INVENTOR or INVENTORS:

Stuart L. Soled

Kenneth L. Riley

Gary P. Schleicher

Richard A. Demmin

Ian A. Cody

For good and valuable consideration, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

HYDROCRACKING PROCESS USING BULK GROUP VIII/GROUP VIB CATALYSTS

said application having been executed on the _____ day(s) of _____ 2001 and being further identified as Case Number JHT-0004; and all rights of priority created by said application under provisions of international conventions or treaties.

2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefor or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.

3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.

4) UNDERSIGNED agree(s) to perform upon ASSIGNEE'S request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.

5) UNDERSIGNED hereby authorize(s) ASSIGNEE to insert in this instrument the date(s) on which UNDERSIGNED executed the Declaration for the above-referenced patent application.

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

Date <u>June 25, 2001</u>	Inventor <u>Stuart L. Soled</u> (LS)	Witness <u>Regina A. Tucker</u>
Date <u>June 29, 2001</u>	Inventor <u>Kenneth L. Riley</u> (LS)	Witness <u>Regina A. Tucker</u>
Date <u>June 29, 2001</u>	Inventor <u>Gary P. Schleicher</u> (LS)	Witness <u>Regina A. Tucker</u>
Date <u>Aug 24, 2001</u>	Inventor <u>Richard A. Demmin</u> (LS)	Witness <u>Regina A. Tucker</u>
Date <u>July 27, 2001</u>	Inventor <u>Ian A. Cody</u> (LS)	Witness <u>Regina A. Tucker</u>
Date _____	Inventor _____ (LS)	Witness _____
Date _____	Inventor _____ (LS)	Witness _____
Date _____	Inventor _____ (LS)	Witness _____

ASSIGNMENT
INVENTOR or INVENTORS:

William L. Schuette

In consideration of One Hundred Twenty-five Dollars (\$125.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

1) UNDERSIGNED hereby assign(s) to ExxonMobil Research and Engineering Company (formerly Exxon Research and Engineering Company), a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled

HYDROCRACKING PROCESS USING BULK GROUP VIII/GROUP VIB CATALYSTS

said application having been executed on the _____ day(s) of _____, 2001 and being further identified as Case Number JHT-0004; and all rights of priority created by said application under provisions of international conventions or treaties.

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IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

Date <u>6-29-01</u>	Inventor <u><i>William L. Schuette</i></u> (LS) <i>Darlene Schuette, Executrix of the last will and testament of William L. Schuette, deceased</i>	Witness <u><i>Dana Smith</i></u>
Date _____	Inventor _____ (LS)	Witness _____
Date _____	Inventor _____ (LS)	Witness _____
Date _____	Inventor _____ (LS)	Witness _____
Date _____	Inventor _____ (LS)	Witness _____
Date _____	Inventor _____ (LS)	Witness _____
Date _____	Inventor _____ (LS)	Witness _____
Date _____	Inventor _____ (LS)	Witness _____